

TCR Program – Application Approval Project #156 – March 2006

Regional Seismic retrofit and core segment improvements for the Bay Area Rapid Transit system.

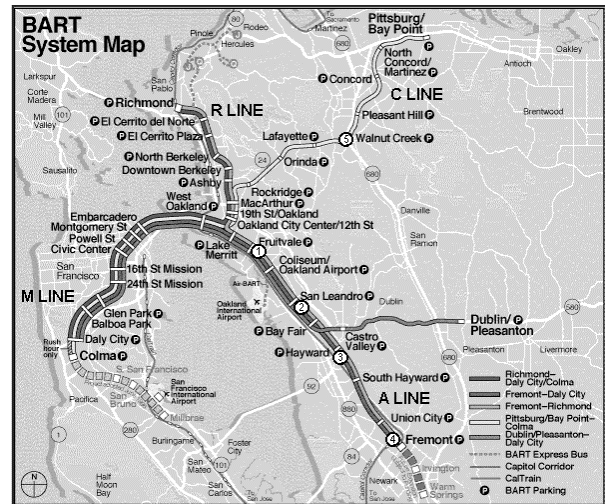
(\$ X 1,000)

| | | | |
|------------------------------------|---|-------------------------------------|-----------------|
| <i>Estimated Project Cost:</i> | \$592,600 | <i>TCRP Funds Approved to Date:</i> | \$20,000 |
| <i>Total TCRP Funds Available:</i> | \$20,000 | <i>Phase(s) Approved:</i> | 1,2,4 |
| <i>Lead Agency:</i> | San Francisco Bay Area Rapid Transit District | <i>Implementing Agency:</i> | Same |

| | | | |
|----------------------------------|-----------------|----------------------|-----|
| <i>TCRP Allocations to Date:</i> | \$20,000 | <i>for Phase(s):</i> | 1,4 |
| <i>Advance Approved:</i> | \$0 | <i>for Phase(s):</i> | N/A |
| <i>LONP Approved to Date:</i> | \$0 | <i>for Phase(s):</i> | N/A |

Project Summary: The overall project will make improvements to the BART system to provide the Bay Area with a critical transit lifeline in the event of an earthquake. Improvements will be made from the Transbay Tube eastward towards the Caldecott Tunnel. The original BART system design needs to be brought up to current standards to withstand a Maximum Credible Earthquake (MCE) and return to service with a minimum delay after such an event.

The project will be segmented and, therefore, phases may overlap.



Cost and Schedule (\$ x 1,000)

| Phase | Scope | Start | End | Cost |
|---------------|--|-------|------|------------------|
| 1 | Prepare Engineering Studies, Environmental Review, Permits | 3/00 | 5/05 | \$52,847 |
| 2 | Prepare PS&E for Seismic Core System | 5/05 | 7/07 | \$39,850 |
| 3 | Right of Way Easements | 5/05 | 7/07 | \$5,500 |
| 4 | Construct Core System Seismic Improvements | 8/05 | 6/12 | \$494,403 |
| Total: | | | | \$592,600 |

Funding Plan (\$ x 1,000)

| Source | Type | | Phase 1 | Phase 2 | Phase 3 | Phase 4 | Total |
|----------------------|---------|-----------|----------|----------|---------|-----------|-----------|
| TCRP | State | Committed | \$8,470 | | | \$11,530 | \$20,000 |
| | | Proposed | | | | | |
| Local Seismic Safety | State | Committed | \$9,647 | \$17,523 | \$500 | \$56,330 | \$84,000 |
| | | Proposed | | | | | |
| STIP-RIP | State | Committed | \$10,200 | | | | \$10,200 |
| | | Proposed | | | | | |
| BART | Local | Committed | \$10,500 | | \$5,000 | \$316,874 | \$332,374 |
| | | Proposed | | | | | |
| STP | Federal | Committed | \$3,026 | | | | \$3,026 |
| | | Proposed | | | | | |
| Regional Measure 2 | Measure | Committed | \$11,004 | \$22,327 | | \$109,669 | \$143,000 |
| | | Proposed | | | | | |
| | Totals: | Committed | \$52,847 | \$39,850 | \$5,500 | \$494,403 | \$592,600 |
| | | Proposed | | | | | |
| | | Totals: | \$52,847 | \$39,850 | \$5,500 | \$494,403 | \$592,600 |

TCR Program – Application Approval Project #156 – March 2006

Page 2 of 2

Prior TCRP Action:

- Original application was approved on July 11, 2001 (TA-01-11) for \$500,000 for Phase 1. A delegated allocation of \$500,000 was made to Phase 1.
- A minor amendment was approved on February 7, 2002 based on the October 2001 Progress Report.
- A minor amendment was approved on June 27, 2002 based on the April 2002 Progress Report.
- A major amendment was approved August 22, 2002 (TAA-02-08). \$7,970,000 was programmed to Phase 1 and \$11,530,000 programmed to Phase 2. This amendment updated the schedule and funding plan based on the completed Vulnerability Study. A delegated allocation of \$7,970,000 was made to Phase 1.
- An amendment was approved December 9, 2004 (TAA-04-13). This amendment updated the project schedule and funding plan.
- An amendment was approved September 29, 2005 (TAA-05-31). This amendment redistributed \$11,530,000 from Phase 2 to Phase 4 and updated the project schedule and funding plan. An allocation request of \$11,530,000 for Phase 4 was deferred.
- On December 15, 2005, an allocation request for \$11,530,000 to Phase 4 was deferred and placed on a Pending Allocation List.
- On March 16, 2006, an allocation of \$11,530,000 was made to Phase 4 (TFP-06-07) from the Pending Allocation list.

Status of Conditions: The condition was set forth under Resolution TA-01-11 and has been met

- The allocation of funds for design is contingent upon receipt of a plan identifying fully funded usable segments. Phase 2 is fully funded.

Discussion/Issues: Regional Transportation Plan documentation is on file. Project is fully funded with the passage of the November 2004 bond measure.